OK

Depth 6	Contents 7	Reference to last Measurement 8
work done Spot		
	CC Road Done	

ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು
ವಿದ್ಯಾರಣ್ಯಪುರ ಉಪ ವಿಭಾಗ

First & Final Bill

BRNO: AA17/3/1-15

SBR No: 269/14-15
31/1/2015

M. A. R. 57 (Rule 116)
Measurement Book

No. B

Serial No. 251122

Name of Work Improvements to roads, drains and covering slab at Chamundeshwari Layout 5th main road Left Side in ward NO-10: Doddabommasandra

From ..... To .....

Name of Contractor of nature of Agency K.R.I.D.L.

Date of commencement of work .....

Date 1	Full description, etc, of work 2	Dimensions: Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
	Work Code NO: 010-15-000007.						
	Agreement NO: 130/2014-15 Dt 17/11/2014.						
	Work order NO: EE/BTP/KRIDL/WO/130/2014-15 Dt 17/11/2014.						
	Address of Agency: #119, 11th Cross Road 3rd floor Poorva Park Road Malleshwaram-560003.						

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	1) Earth work excavation by manual means in Hard soil involving an average horizontal throw upto 2metres and an average lift upto 0.5m excavated surface levelled and sides neatly dressed, the disposed earth to be levelled neatly after breaking of clods etc complete as per specifica						
	LHS	1	30.00	1.20	0.90 =	32.40 Cum	
		1	30.00	1.20	0.90 =	32.40 Cum	
		1	30.00	1.20	0.90 =	32.40 Cum	
		1	30.00	1.20	0.90 =	32.40 Cum	
		1	30.00	1.20	0.90 =	32.40 Cum	
		1	30.00	1.20	0.90 =	32.40 Cum	
		1	30.00	1.20	0.90 =	32.40 Cum	
		1	30.00	1.20	0.90 =	32.40 Cum	
		1	8.00	1.20	0.90 =	8.64 Cum	

M. A. R.
Measu

Serial No. .....
Name of Work ..... From.....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date	Full description, etc, of work	Number
1	2	3
	2) Providing and laying in posit	Qty 1 @ R
	OPC cement @ 180 kgs using 4	
	Corse aggregates @ 0.8 Cum a	
	in layers not exceeding 15 Cm	
	Plinth, including cost of all	

OOK

	Depth 6	Contents 7	Reference to last Measurement 8
ith			
. in Hard soil involving an and an average lift upto 0.5m eatly dressed, the disposed earth ods etc complete as per specificat			
20	0.90 =	32.40 cum	
20	0.90 =	32.40 cum	
20	0.90 =	32.40 cum	
20	0.90 =	32.40 cum	
20	0.90 =	32.40 cum	
20	0.90 =	32.40 cum	
20	0.90 =	32.40 cum	
20	0.90 =	32.40 cum	
20	0.90 =	8.64 cum	

M. A. R. 57 (Rule 116)
Measurement Book

No. B

251123

Serial No. ..... From..... To.....

Name of Work .....

Name of Contractor of nature of Agency .....

Date of commencement of work .....

Date 1	Full description, etc, of work 2	Dimensions Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
						Total = 267.84 Cum	
						= 266.70 Cum	
		Qty limited to tender				RS 28234.00	
	2) Providing and laying in position Plain cement concrete of mix 1:4:8 with OPC cement @ 180 kgs using 40mm and down Size graded granite metal, corse aggregates @ 0.8 Cum and fine aggregates machine mixed, concrete laid in layers not exceeding 15cms thick, well compacted, in foundation and Plinth, including cost of all materials labour @ RS 105.84						

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	LHS	1	30.00	1.00	0.15 =	4.50 cum	
		1	30.00	1.00	0.15 =	4.50 cum	
		1	30.00	1.00	0.15 =	4.50 cum	
		1	30.00	1.00	0.15 =	4.50 cum	
		1	30.00	1.00	0.15 =	4.50 cum	
		1	30.00	1.00	0.15 =	4.50 cum	
		1	30.00	1.00	0.15 =	4.50 cum	
		1	30.00	1.00	0.15 =	4.50 cum	
		1	30.00	1.00	0.15 =	4.50 cum	
		1	8.00	1.00	0.15 =	1.20 cum	
					Total =	37.20 cum	
	Cast Linwep	Qty limited to tender =				37.05 cum	
						Rs 179583.00	

ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರ ಕಛೇರಿ Rs 48407-04
ವಿದ್ಯಾರಣ್ಯಪುರ ಉಪ ವಿಭಾಗ
ಯಲಹಂಕ ವಲಯ,
ಬಿ.ಬಿ.ಎಂ.ಪಿ. ಬೆಂಗಳೂರು-97

M

Serial No. .....
Name of Work ..... F
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date	Full description, etc, of work	Num
1	2	3
3)	providing and removing c removal of form work for v including attached Pilasters LHS	4 4 4 4 4 4 4 4 4

Contents 7	Reference to last Measurement 8
= 4.50 cum	
= 4.50 cum	
= 4.50 cum	
= 4.50 cum	
= 4.50 cum	
= 4.50 cum	
= 4.50 cum	
= 4.50 cum	
= 1.20 cum	
= 37.20 cum	
= 37.05 cum	
Rs	179583.00

M. A. R. 57 (Rule 116)
Measurement Book

No. B

251124

Serial No. .....
Name of Work ..... From..... To.....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date 1	Full description, etc, of work 2	Dimensions: Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
	3) Providing and removing centering Shuttering, Strutting, Propping etc and removal of form work for vertical Surface Such as walls of any thickness including attached Pilasters, buttresses etc complete as per Specifications.						
	LHS	4	30.00		0.60	= 72.00 Sqm	
		4	30.00		0.60	= 72.00 Sqm	
		4	30.00		0.60	= 72.00 Sqm	
		4	30.00		0.60	= 72.00 Sqm	
		4	30.00		0.60	= 72.00 Sqm	
		4	30.00		0.60	= 72.00 Sqm	
		4	30.00		0.60	= 72.00 Sqm	
		4	30.00		0.60	= 72.00 Sqm	

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
		4	8.00		0.60 =	19.20 Sqm	
					Total =	595.20 Sqm	
					Qty limited to Tender =	592.80 Sqm	
					@ Rs 292.68	Rs 173501.00	
	Assistant Executive Engineer Vidyaranyapura Sub Division BBMP, Bangalore-97						
	u) Providing and laying in position reinforced cement concrete of design mix M20 with OPC cement @ 320 kgs with 20mm and down size graded granite metal coarse aggregate @ 0.87 cum and fine aggregates machine mixed, concrete laid in layers not exceeding 15 cms thick, vibrated for all works in foundation plinth and ground floor level for roof slabs, staircase, lintels retaining walls, return walls curving etc complete as per specifications.						

Serial No. .....

Name of Work .....

Name of Contractor of nature of Agency .....

Date of commencement of work .....

Date	Full description, etc, of work	Numb
1	2	3
	Bottom 2 Nos	1 1 1 1 1 1 1 1 1 1
	Side wall	2 2

OOK

th	Depth 6	Contents 7	Reference to last Measurement 8
	0.60 =	19.20 Sqm	
	Total =	595.20 Sqm	
	rder =	592.80 Sqm	
		RS 173501.00	

d cement concrete of design mix
mm and down size graded granite
ne aggregates machine mixed,
s and thick, vibrated for all
floor level for roof slabs,
walls curing etc complete

M. A. R. 57 (Rule 116)
Measurement Book

No. B

251125

Serial No. .....
Name of Work ..... From..... To.....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date 1	Full description, etc, of work 2	Dimensions: Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
	Bottom 2 HS	1	30.00	1.00	0.15 =	4.50 Cum	
		1	30.00	1.00	0.15 =	4.50 Cum	
		1	30.00	1.00	0.15 =	4.50 Cum	
		1	30.00	1.00	0.15 =	4.50 Cum	
		1	30.00	1.00	0.15 =	4.50 Cum	
		1	30.00	1.00	0.15 =	4.50 Cum	
		1	30.00	1.00	0.15 =	4.50 Cum	
		1	30.00	1.00	0.15 =	4.50 Cum	
		1	30.00	1.00	0.15 =	4.50 Cum	
		1	8.00	1.00	0.15 =	1.20 Cum	
	Side wall	2	30.00	0.15	0.60 =	5.40 Cum	
		2	30.00	0.15	0.65 =	5.85 Cum	

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
		2	30.00	0.15	0.60 =	5.40 cum	
		2	30.00	0.15	0.60 =	5.40 cum	
		2	30.00	0.15	0.60 =	5.40 cum	
		2	30.00	0.15	0.65 =	5.85 cum	
		2	30.00	0.15	0.60 =	5.40 cum	
		2	30.00	0.15	0.55 =	4.95 cum	
		2	8.00	0.15	0.60 =	1.44 cum	
					Total =	82.29 cum	
					Qty limited to Tender =	81.5 cum	
						Rs 6065.28	Rs 494381.00
	ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು, ವಿದ್ಯಾರಣ್ಯಪುರ ಉಪ ವಿಭಾಗ, ಯಲಹಂಕ ವಲಯ, ಬೆಂಗಳೂರು-೯						
5)	Providing mild steel reinforcement for R.C.C work including Straightening Cutting, bending, hooking, placing in position lapping for welding wherever required tying with binding wire and anchoring to the adjoining members wherever necessary complete as per design.						

Serial No. .....
Name of Work .....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date	Full description, etc, of work
1	2
	Qty vide Page No of this M.B No - 2
6)	Providing granite slabs of cement mortar (1:6) in 2 Hs

BOOK

ns		Contents	Reference to last Measurement
eadth 5	Depth 6	7	8
15	0.60 =	5.40 cum	
15	0.60 =	5.40 cum	
15	0.60 =	5.40 cum	
15	0.65 =	5.85 cum	
15	0.60 =	5.40 cum	
15	0.55 =	4.95 cum	
15	0.60 =	1.44 cum	
	Total =	82.29 cum	
o Tender	=	81.51 cum	
		RS 494381.00	

R.C.C. work including Straightening
sition lapping for welding wherever
al anchoring to the adjoining
per design.

M. A. R. 57 (Rule 116)
Measurement Book

No. B

Serial No. .....
Name of Work ..... From..... To.....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

251126

Date 1	Full description, etc, of work 2	Dimensions Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
	Qty vide Page no 251193 premeasurement of this M.B No - 2512 @ RS 7975.80					= 65.220 MT RS 520102.00	
	6) providing granite slabs of selected quality roughly dressed and fixed in cement mortar (1:6) including fixing curing etc complete as per specifications						
	2 Nos	1	30.00		0.90 =	27.00 Sqm	
		1	30.00		0.90 =	27.00 Sqm	
		1	30.00		0.90 =	27.00 Sqm	
		1	30.00		0.90 =	27.00 Sqm	
		1	30.00		0.90 =	27.00 Sqm	

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
		1	30.00		0.90	= 27.00 Sqm	
		1	30.00		0.90	= 27.00 Sqm	
		1	30.00		0.90	= 27.00 Sqm	
		1	8.00		0.90	= 7.20 Sqm	
					Total	= 223.20 Sqm	
					Qty limited to Tender	= 222.30 Sqm	
					@ RS 642.60	RS 142850.00	
	7) providing chamfering edges to stone slab 2.5cms wide as per Specifications (only chamfered length shall be recorded) etc complete as per Specifications						
		UG3	3.00			= 1239.00 meter	
		Qty limited to Tender				= 1236.00 meter	

Assistant Executive Engineer
Vidyaranyapura Sub Division
BBMP, Bangalore - 97

Serial No. .....
Name of Work .....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date	Full description, etc, of work	N
1	2	
	8) providing two line dressin etc complete as per Spec	@

K

epth 6	Contents 7	Reference to last Measurement 8
go =	27.00 Sqm	
go =	27.00 Sqm	
go =	27.00 Sqm	
go =	7.20 Sqm	
tal =	223.20 Sqm	
=	222.30 Sqm	
	RS 142850.00	
cms wide as per recorded) etc complete as		
=	1239.00 meter	
der =	1236.00 meter	

M. A. R. 57 (Rule 116)
Measurement Book

No. B

251127

Serial No. .....
Name of Work ..... From..... To.....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date 1	Full description, etc, of work 2	Dimensions: Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
		@ RS 32.40				RS 4004600	
	8) providing two line dressing to granite Stone slab / granite Stone masonary etc complete as per specifications and directions of engineer Qty vide Item no-6					= 222.30 Sqm	
		@ RS 851.04				RS 1891860	

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	9) Lead for Disposal of Debris shall be payable at carriage rates by Mechanical means including loading and unloading etc complete as per Specifications						
	Qty vide Item no-1					= 240.08 Cum	
	@ RS 73.57					RS 17663.00	
	10) Sub-Total					RS 17855546.00	
	11) Add 11% for K.R.I.D.L Charges					RS 196410.06	
	12) Add 1% for Third Party inspection charges					RS 17855.46	
						Total RS 1999811.52	

Assistant Executive Engineer
Vidyaranyapura Sub Division

Jadhav
AE 31/1/2015

Serial No. .....
Name of Work .....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date	Full description, etc, of work	Num
1	2	
	Certificate :- Certified that the ... issued from dep...	

Assistant
Vidyaranyapura
BBM

pth 6	Contents 7	Reference to last Measurement 8
	out carriage rates by loading etc complete as per	
	= 240.08 Cum	
	RS	17663.00
	RS	1785546.00
	RS	196410.06
	RS	17855.46
Total RS		1999811.52

dhav
AE 31/1/2015.

- 39639-
- 79278
- 118917-
- 19820
- 1982
- 19826
- 500

M. A. R. 57 (Rule 116)
Measurement Book No. B

251128

Serial No.
Name of Work
Name of Contractor or nature of Agency
Date of commencement of work

From To

2,06,894=00

Date 1	Full description, etc, of work 2	Dimensions: Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
	Certificate :- Certified that the above work done Satisfactory and no materials issued from department. Jadhav AE 31/1/2015. Assistant Executive Engineer Vidyaranyapura Sub Division BBMP, Bangalore - 97						26/2